

## Subcommittees Will Elect Officers; Initial Consideration Student Union

By Herb Eagle

Elections for Inscorn subcommittee officers were scheduled for April 19 at the last Inscorn meeting. Also discussed were methods of increasing the Committee's creativity, efficiency, and communication with the student body.

Those to be elected April 19 include the Judicial Committee chairman, with Bob Morse '63 and Ken Weyler '63 as candidates; the secretary of Judcomm; the chairman of Student Committee on Educational Policy, Freshman Coordinating Committee, Public Relations Committee, and International Programs Committee; and five members.

of Finance Board. Two non-voting freshmen members of Finance Board will be elected at some future date by the new Finance Board.

All undergraduates are eligible for these positions. Nominations will remain open until the time of the elections. Interested students may see Miss Hendricks in Litchfield Lounge, on the first floor of Walker Memorial, and speak with the present chairman of the committee in question.

Juri Toomre '62 introduced the discussion by describing the drastic revision that was made in Inscorn's structure four years ago. In order to create a more efficient legislative body, membership was reduced to eleven voting members. Inscorn now has fourteen voting members: three representatives of the IFC

(Please turn to Page 2)

## BU Group To Sponsor Model UN Assembly; MIT Delegates Invited

The Council on World Affairs of Boston University will sponsor a Model General Assembly April 27 and 28. MIT has been invited to participate by sending about four students to represent one of the member nations of the UN.

Three of the delegates will sit on the Committees of the Model Assembly (Political, Special Political, and Legal) which will consider, respectively, Disarmament, the Angola problem, and admission of Red China to the UN. A fourth representative will act as the delegation chairman, and any additional delegates may attend as observers.

Applications to attend the Model General Assembly should be obtained in Litchfield Lounge by 5 p.m. today. Registration of those attending will open at 5 p.m. Friday, April 27, and the final event will end by 11 p.m. the following day. There is a registration fee of \$1.50 per delegate.

## Grad Student Aikawa Killed In Auto Crash, Fire

Hirokazu Aikawa, a graduate student in chemistry, was killed Monday morning when his automobile crashed and burned on Route 128, near Woburn.

He had entered MIT in September, 1960, and was currently pursuing nuclear-inorganic work under Professor John Irvine. He was a graduate of the University of Tokyo.

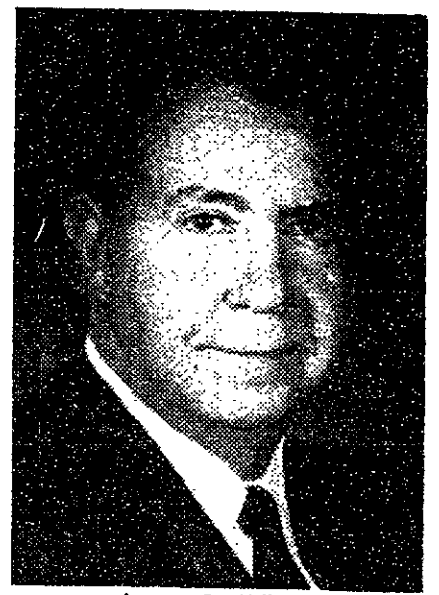
## Governor Volpe Appoints Killian To Massachusetts Education Board

Dr. James R. Killian, Jr., has been appointed to the Massachusetts Board of Education by Governor John Volpe. Dr. Killian is currently Chairman of the Corporation at MIT. He graduated in 1926 in Business and Engineering Administration.

The Governor made the announcement April 4, at a dinner commemorating the fifth anniversary of the loan plan of the Higher Education Assistance Corporation. He said that he was "elated" that Dr. Killian had accepted the state post and added that his services will be "an invaluable asset."

Dr. Killian became President of MIT in 1949 and Chairman of the Corporation in 1959. The period of his presidency was marked by great expansion of the Institute, by increasing research, including responsibilities for defense research, and by more emphasis on the humanities and social sciences in the education of scientists and engineers.

He has served on the President's Science Advisory Committee since its establishment by President Truman in 1951. Dr. Killian now serves on a special advisory committee on



James R. Killian

the Central Intelligence Agency, and as chairman of the President's Foreign Intelligence Advisory Board.

He has over 35 honorary degrees from universities and colleges throughout the world, and distinguished awards including the President's Certificate of Merit (1948), French Legion of Honor (1957), and the World Brotherhood Award of the National Conference of Christians and Jews (1958).

## To Pay Royalties

## Pirated Texts To Be Sold By 4 E. Campus Students

By Thomas Brydges

Four East Campus residents have formed a group to import textbooks printed in foreign countries and offer them to MIT students at rates much below American retail prices.

The four students, Gene Salamin '63, William Schmid '63, Durk Pearson '64 and Erwin Strauss '65, have formed the "Technology Textbook Agent" to handle the operations. The prices TTA quotes for texts are one-half or less of the prices quoted by the Technology Store.

The books are known as "pirated editions" since they are printed in countries which do not subscribe to the International Copyright Agreement, by publishers who do not pay any royalties or commissions for the works. By photographing existing American editions and printing by the photo-offset process, the publishers are able to avoid any typesetting or composition of their own. This saving, coupled with the lower cost of foreign labor, results in the prices so far beneath American retail prices.

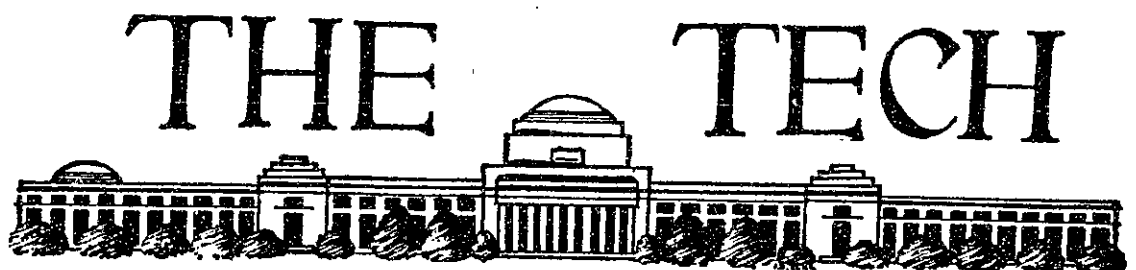
Although TTA has not divulged the size of its profit, it was commented by several persons who have had contact with some Formosan publishers that TTA's announced prices are in most cases at least double the Formosan publisher's catalog price.

Although TTA has not announced its sources, apparently many of the books will be obtained from Formosa. In the past the Formosan editions have caused consternation among America's publishers.

According to a United States Customs agent in Boston, importation of the printed editions violates United States law. There is no way in which "duty" or customs charges could be paid to allow entry of the books, he added. TTA has said in its advertising that it will pay the customs charges.

The agent explained that pirated editions seen in the

(Please turn to Page 2)



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Vol. 82, No. 9

Cambridge, Massachusetts, Wednesday, April 11, 1962

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## SCEP Symposium:

## 4 Panelists Discuss Undergrad Change

by Don Goldstein

"Change of all kinds is evident today on the MIT campus, but not so much so in the undergraduate academic program," said Chairman Al Kessler as he kicked off SCEP's symposium, "The Student's Role in MIT's Progress," last Thursday in Kresge Little Theater. During the ensuing discussion President Stratton, Dean Wadleigh, and Professors Patrick Hurley and Nathaniel Frank outlined various aspects of the progress that actually has occurred and will take place in MIT's undergraduate program, and pointed out various

means by which the students themselves can participate.

### Students Are Unaware

Nearly all present agreed that the average MIT undergraduate is unaware of the fact that changes can and do take place, and is therefore unable to even begin his own concern in the matter. President Stratton devoted much of his talk to the basic facets of the scientific revolution that are forcing continuous change in the Institute's program.

He claimed that despite pressures working to the contrary, MIT has moved slowly but consistently throughout its history

toward greater freedom and individual study, and pointed specifically to lessening of course prescriptions and the rapid development of departments in the humanities, modern languages, and social sciences.

Professor Hurley, in his brief talk, stressed a viewpoint unique among the panelists. "The greatest portion of the change," he stated, "must be accomplished by the individual faculty members within the framework of their departments." Though the faculty thus actually establishes the educational policy of MIT, a "small corner" is left for action by the faculty Committee on Educational Policy and the Student Committee on Educational Policy. This area includes such things as pedagogy (as distinct from course content), morale, and communication between the various segments of the educational network.

Dean Wadleigh, speaking next, disagreed strongly with Hurley and said that really important changes in content could result from overall studies like that being undertaken now by subordinate committees of the CEP. A Committee on Curriculum, under Professor Zacharias, "will attempt to make a major review of the core curriculum of the first two years," said Wadleigh. A Committee on Environment, under the chairmanship of Wadleigh, will look into the non-academic aspects of undergraduate life at MIT, including activities, housing, and facilities. He mentioned that SCEP will form several sub-committees which will work closely with the corresponding sub-committees of the faculty group in gathering data.

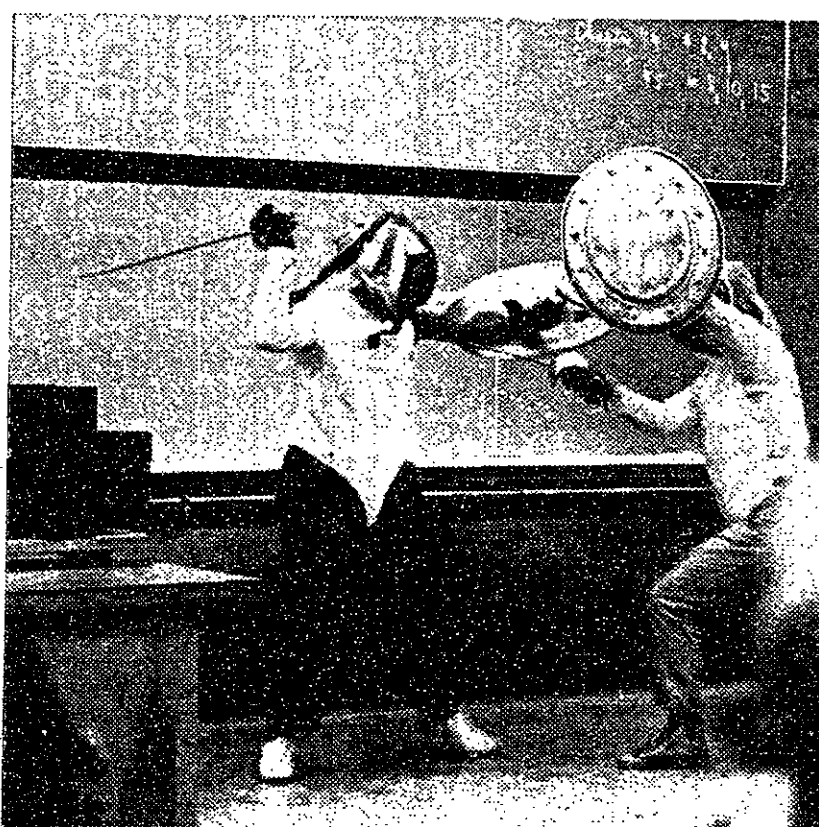
Interdisciplinary Work Needed Professor Frank insisted that

(Please turn to Page 3)

## APO Fencers Stage Physics Lecture Awakener



Prof. Hans Mueller, left, watches with amusement as members of the APO service fraternity publicize their Spring Carnival in his 8.04 lecture. The carnival will be Saturday, April 21, in Rockwell cage.



—Photos by Boyd Estus

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## Tech Coop

## 4 Students Plan To Sell Pirated Texts Here

(Continued from Page 1)  
United States had not entered legally, but through the oversight of the Customs Agency, which does not have enough employees to open every incoming package.  
In a statement issued Monday evening, the TTA said they would pay royalties to authors whose works they sell. The royalties will be the dollar, not percentage, equivalents of the royalties received by the authors for sales of their American published editions. That is, if an author receives the standard 15 per cent on an American priced text of \$10, he will receive \$1.50 royalty from TTA although TTA's price may be only \$5.  
Undergraduate Association President Woody Bowman said Monday evening that the Incomm Executive Committee

will meet Thursday to consider TTA's position on campus. At that time an investigation will be made as to the ethics and legality of TTA's operations.  
In regard to the ethics of undercutting American publishers, TTA's Pearson said "I feel each dollar a student invests in books brings a high return to the whole economy through his increased knowledge; this return is much higher than that accruing from dollars paid directly to American publishers and their middlemen."

TTA has contacted Associate Dean William Speer and Assistant to the Dean Richard MacDowell about its operations. The group hoped to meet personally with Dean of Student Affairs Kenneth R. Wadleigh yesterday.

Many of the MIT professors whose books are on TTA's list could not be reached for comment Monday night. However, one said he thought TTA's idea was "wonderful, if the books were readable." Another refused to comment on the situation.

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## Rostow's Loyalty Disputed

Professor Walt Whitman Rostow, now a special assistant to the President, had his loyalty challenged last Thursday before the Special Senate Preparedness Subcommittee.

Edwin A. Walker implicated Professor Rostow, along with Secretary of State Dean Rusk as being "very influential" in the "apparatus" that was spreading the "soft-line policy" in the State Department.

Later in his testimony, Mr. Walker observed that he had been "accused of calling people Communists." This "is untrue," he declared, "because I reserve the right to call them something

more, such as traitors to the American system of Constitutional government, national and state sovereignty and independence.

Professor of Economic History Rostow became a special assistant to President Kennedy as appointed director of the Policy Planning Council in the State Department. Professor Rostow has written several books, none of which Mr. Walker has read.

Mr. Rusk said the Walker accusations were "not worthy of comment." He said, "I'm happy to be linked with Mr. Rostow—he is an able and close colleague."

## Incomm Will Consider Student Union Soon

(Continued from Page 1)

Including the president, the four dormitory presidents, the presidents of NRSA, the Association of Women Students, the Athletic Association, the chairman of Activities Council, and the presidents of the sophomore and junior classes.

Max Snodderly, '62, past president of the Junior class, said Incomm had "a responsibility to be creative as well as being a reviewing board." Incomm members must prepare themselves by devoting some time and thought to the consideration of the important issues; simple attendance at meetings is not enough.

He advised Incomm to make greater attempts to communicate its actions to the student body through The Tech. He also suggested that the Secretariat concern itself with the task of providing Incomm with much-needed

information on student opinion.

Al Womack '63, asked new Incomm members to attempt to get opinions outside their own immediate circle of friends. Chris Sprague '60, former UAP, added that PRC could probably be abolished in view of improved coverage of student government by The Tech. He said that Incomm should not hesitate to rid itself of committees which are superfluous.

Outgoing UAP J. Frank Osha concluded by reminding the new Incomm of its responsibilities: first, to represent the electorate, and second to see that MIT activities, the MIT student judicial system, and its own Incomm subcommittees function effectively.

Woody Bowman announced that one of the initial considerations of Incomm would be the Student Union. He indicated that this Incomm would probably be the last which would be able to influence the plans before they are finalized. The Tech will print the drawings and plans for the Student Union in its April 25 issue, and there will be an open meeting in Kresge Auditorium the following week to enable students to voice their opinions

## Brattle Theatre

Harvard Square  
"SATURDAY NIGHT & SUNDAY MORNING"  
thru April 14  
5:30 7:30 9:30

## Teaching Opportunities in East Africa

Teachers College, Columbia University, is recruiting '62 college graduates for secondary school teaching in Tanganyika, Kenya, Uganda, and Zanzibar.

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**By Ex-FBI Man**  
**Lecture On Cuba Tuesday**

Alexander I. Rorke, Jr., the first American newspaperman imprisoned by Castro, and currently under sentence of death in absentia, will address the MIT community next Tuesday at 5:15 in Room 26-100. The

**Stratton Suggests Hearings To Get Student Feelings**  
 (Continued from page 1)

the ever-increasing amount of research being done across old disciplinary lines demands a similar change in the educational pattern, with more stress on intercourse work and cross-fertilization of fields. Agreeing that more freedom for students is desirable, he said that most students don't take much advantage of the freedom they now have. "Students must take the initiative and make themselves more independent. They must not accept blindly what professors tell them to believe, but should push for proof and evidence." Frank also favored greater contact with real research on the part of undergraduates.

During the discussion period that followed, several students told Professor Frank that undergraduates often do try to take the initiative in broadening their programs, but the faculty counseling was poor and communications in general slow and inefficient. In response to a question concerning procedure of gathering information, Stratton recommended that "hearings" be held by the investigating committees.

Lecture Series Committee will sponsor the ex-FBI man. Rorke has repeatedly made clandestine trips to Cuba on rescue and underground supply missions. He had intimate knowledge of the abortive CIA invasion of April 17, 1961, being the only reporter permitted to speak with the Cubans before the invasion. From expeditions against Castro in the spring of 1961, Rorke brought back first hand knowledge which led him to warn the U. S. that the impending invasion was doomed to failure. Since then, Mr. Rorke has made numerous flights over Cuba, dropping anti-Castro leaflets, including the raids in late December 1961 over Cienfuegos and Matanzas, from which one of the two planes did not return.

**Bone Sterilization**

**High Voltage Lab In Medical Work**

An MIT laboratory concerned with high voltages and radiation physics is now a major center for the sterilization of bones used in bone graft operations. According to Professor John G. Trump of the High Voltage Research Laboratory, bone sterilization is a logical outgrowth of research with high voltage accelerators. Electron radiation, unlike heat or chemical sterilization, kills germs present in or on the bone material without significant damage to the bone itself. Thus, patients receiving bone grafts are protected from infections due to bone contamination.

The generator used is two stories high and

**Spring Lures Rota To Court**



The onset of warm weather in the Spring often results in many Humanities classes being held in the Great Court, but last Friday it even brought Prof. Rota's 18.02 class outside, blackboard and all. —Photo by Conrad Grundlehner

**Electron Radiation Used**

sends its electron beam into a shielded basement. From 10 to 15 bone envelopes are processed simultaneously. Each bone piece is exposed to the envelope for about 20 seconds, receiving a radiation dosage of about 2 million roentgen. The operator can observe the entire process through closed circuit television.

Medical centers get sterilized bone back usually within 36 to 48 hours after shipping it out. The pieces — sealed and frozen — will keep for many months. Irradiated bone graft material has made possible surgical procedures in children who otherwise could not be treated satisfactorily. The sterilization techniques and clinical suitability of irradiated bone were worked out in a collaborated study with medical teams including Dr. Jonathan Cohen, of the Children's Hospital Medical Center in Boston and Dr. C. Andrew L. Bassett, now of the New York Orthopedic Hospital. The electron-irradiated bone has found increasing acceptance, and the MIT laboratory presently does bone sterilization for other medical groups throughout the country.

The generator can operate at up to four million volts. It is a Van de Graaff-type electron accelerator, built in the early 1940's.

Bone research, in collaboration with medical groups in Washington, D.C., and Boston, started in the early 1950's and proved successful. In one early series of 100 operations using electron-sterilized bone grafts, there were only two infections, neither due to the graft.

In addition to bone and artery research, other studies have been carried out on electron sterilization of blood and blood fractions, nerve grafts and plastic appliances designed for implementation.

**Inside Inscomm**  
**Chairmanship Elections Soon; Investigation To Probe Union**  
**By Woody Bowman**

The elections for all subcommittee chairmanships and Finance Board members will be held April 19th at 6 p.m. Nominations will remain open until Friday, April 13, 5 p.m. Interviews for the positions will be made by the new executive committee prior to the elections.



Each candidate for a chairmanship will be required to submit a hectograph stencil of a statement of policy. The deadline for submission coincides with that of nominations so that we can send policy statements of all candidates to Inscomm members in advance of the meeting. Nominations may be made by calling x2696.

The Secretariat is undertaking investigations in two areas. It is working with a faculty com-

mittee on library facilities in preparing an undergraduate viewpoint on proposals for possible change in the library system and buildings. A study is also being made on the growth pattern of activities to be used in the evaluation of the preliminary drawings of the student union in terms of making provision for expansion of activities. Further comments about priorities on social, recreational, and commercial facilities will be included. All of this information and the student union drawings will be released by the end of the month.

More people applied to attend the Yale conference than we will be able to allow to go. A questionnaire type of application form has been developed which will serve as a basis for future selection processes. Delegates are requested to pay all expenses at this time since the new Finance Board has not yet been selected. This is not a guarantee of reimbursement, but Finance Board will consider the question of partial subsidy to conferences.

Herb Eagle has submitted a preliminary report for possible action on public affairs questions. The report summarizes the roles which activities (like LSC and Tangent) can play and suggests courses which could be implemented on a variety of top-

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# Kibitzer

(Continued from Page 4)  
times with a heart to the king and returns to the heart Ace before playing the last trumps. On the second trump West must pitch his club stopper to retain the high heart. Now South pitches his heart from dummy and East is squeezed in clubs and diamonds. If East had discarded a club at the seventh trick, then West would have been forced to guard the clubs and eventually East is squeezed in hearts and diamonds.

For a few weeks a short puzzle hand will be presented at the end of each column. Starting next week the last half of this column will describe the solution to the previous week's puzzle.

Saturday at 1:30 p.m. in the Walker Blue Room the MIT Bridge Club Championship Open Pairs tournament will be held, an engraved trophy going

NORTH		WEST		EAST		SOUTH	
♠	K 5 4	♠	—	♠	—	♠	9 4
♥	—	♥	9 7 6	♥	Q J 10	♥	A 8
♦	A 9 7	♦	—	♦	K	♦	10
♣	—	♣	K J 8	♣	Q 10 4	♣	5

to the winners. The event is scheduled for two sessions with the second session in the evening.

## Weekly Puzzler

NORTH		SOUTH	
♠	A K Q 9 3	♠	J 10 8 5 4
♥	A Q 3 2	♥	9 7 4
♦	A 6	♦	K 9 4
♣	7 3	♣	A K

North plays six hearts against the Queen of Clubs opening. What is the best play for the contract? Answer next week.

## College World

"The supposition that Radcliffe girls are intelligent, responsible adults is largely false," according to a sophomore member of the Radcliffe Government Association. Under discussion was a social rules change that would permit all students past their freshman year to sign out until any hour.

Approximately 60 per cent of the Radcliffe student body have returned questionnaires dealing with proposed rules changes. Of these, about a two-to-one ratio favored abolishing curfew hours. As evidenced by the statements being made, the opposition, although outnumbered, will not be outspoken. The Harvard Crimson editorially favored the suggested revision.

Another group at Harvard is

## 'Cliffies Want Curfews Abolished; Phantom Saboteur Hits Chem Labs

registering opposition in a much quieter, although no less effective manner. This group, in fact, prefers to remain anonymous in its stand against chemistry labs. Apparently it feels that action speaks louder than words. The phantom saboteurs struck a few weekends ago by removing flasks of benzophenone from their temporary storage place on the roof of the chemistry lab building. The chemical was to be used in the preparation of benzpinacol.

Up to three hundred flasks were removed, although the breakers in which they were sitting were all left very neatly in place. Because the roof could be reached only by crawling through a chem lab window, indications are that the prank was an inside job. Apparently the prank accomplished its intended purpose, for lab men at Harvard felt it rather unlikely that the interrupted experiment would have to be repeated.

### Protest At Tufts

Less subtle, but more publicized, was the demonstration at Tufts protesting the administration's decision to house 500 delegates to the Massachusetts Baptist Youth Conference in University dormitories during spring vacation.

Tufts students were notified less than two weeks before vacation that they would have to store their personal belongings because many of the rooms would be occupied by delegates during vacation. Students protested on the basis that they had paid for the dormitory rooms for the full semester and the request to vacate constituted a violation of their agreement with the university. Another grievance was that the university had not asked students to volunteer their rooms, but instead had designated rooms be occupied without previously consulting the occupant of the room. This was termed an "invasion of privacy."

At a well-attended protest meeting, a committee was formed to re-word the standard room lease, insuring that the "rights of the dormitory resident" be protected, and to write and circulate a protest petition. The petition, in its official form, stated:

"We, the students and dormitory residents of Tufts University, believe that the consent of individual dormitory residents should be obtained by the University before any person other than the lessee be permitted to occupy that individual's room."

"We therefore pledge not to apply for any dormitory room or sign any lease until the University incorporates a guarantee of the indicated nature, acceptable to the Tufts University

Student Council, into the lease."

The petition was not to be submitted unless at least half of all dormitory residents (excluding seniors) were to sign.

The net result was that for one of the few times in American history a college administration bowed to student pressure and changed some aspects of its policy. Room leases now include the following amendment:

"Should the possibility arise for the temporary occupancy of dormitory rooms by others than those whose possessions are normally in the room, these latter students will be informed and given the opportunity to volunteer their rooms for such use. The opportunity to volunteer shall include the right to refuse such usage."

### Protest Raffle

A less successful protest was lodged before the Tufts Student Council. A Tufts senior alleged that a raffle sponsored by Theta Delta Chi Fraternity violated the University and state liquor laws. The fraternity had been selling chances for three prizes of various quantities of beer and liquor without first determining the age of those who purchased the chances. In effect, it was alleged, the fraternity was selling liquor to minors. The fraternity, on the other hand, claimed that it was offering the winner a choice between liquor and money and that consequently no laws were being violated.

A student council member stated that in his opinion enough suspicion of violation existed to warrant enjoining the fraternity until a thorough investigation could be made. He then introduced a motion to this effect. The motion, however, was overwhelmingly defeated.

### Fight Fire With Fire

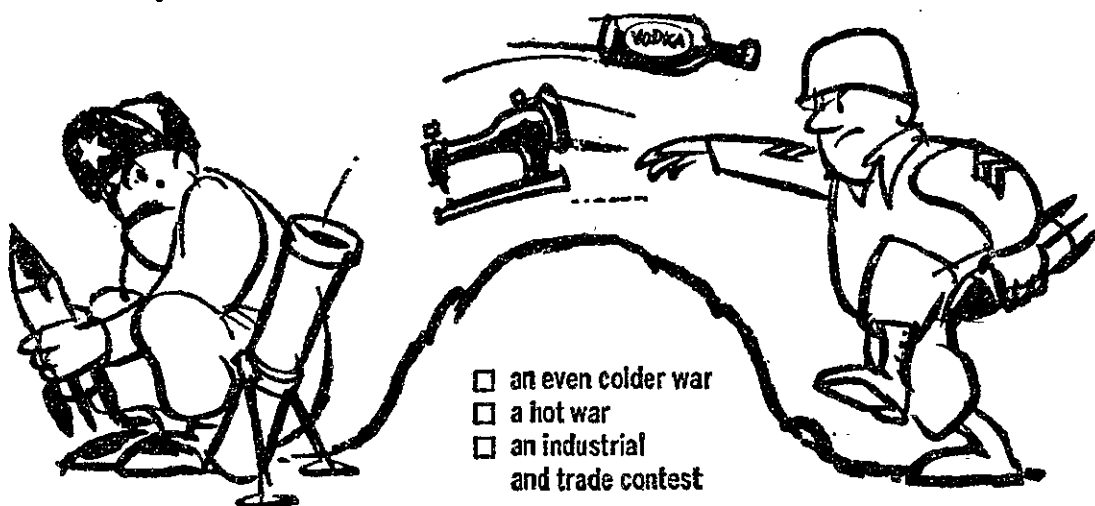
Also concerned with the prevention of law violations are some University of British Columbia students. Their main interest is in reducing the number of speeding cases in the Vancouver courts.

Consequently, they are seeking out the Mounted Police radar speed traps in the vicinity of the University. After finding such a trap, they place large "Radar Trap Ahead" signs on the side of the road just out of radar range. Eventually, when the police learn the reasons for the trap's failure, the sign is removed.

But apparently the students' campaign is successful, for a police spokesman said, "If we ever catch someone putting up such a sign, we'll prosecute." The average fine for speeding is \$25. The fine for "setting up signs without official permission within 1,000 feet of a highway is \$300."

## Check your opinions against L&M's Campus Opinion Poll #19

### ① What will the cold war turn into?



- ☐ an even colder war
- ☐ a hot war
- ☐ an industrial and trade contest

### ② Do a coed's chances of getting the right man diminish after college?



- ☐ Yes
- ☐ No

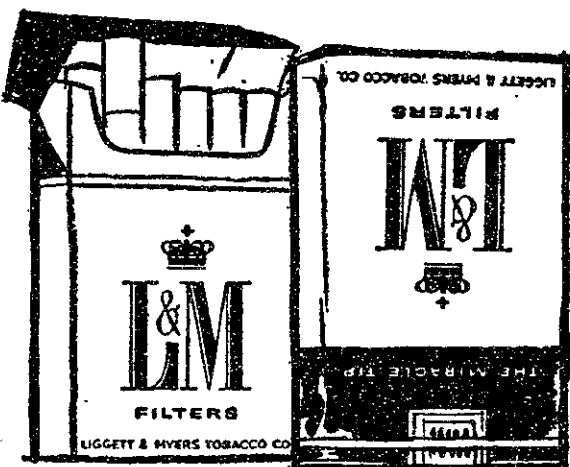
### ③ With a friend's pack of cigarettes on the table, would you...



- ☐ take one?
- ☐ pull out one of your own?

Get lots more from L&M

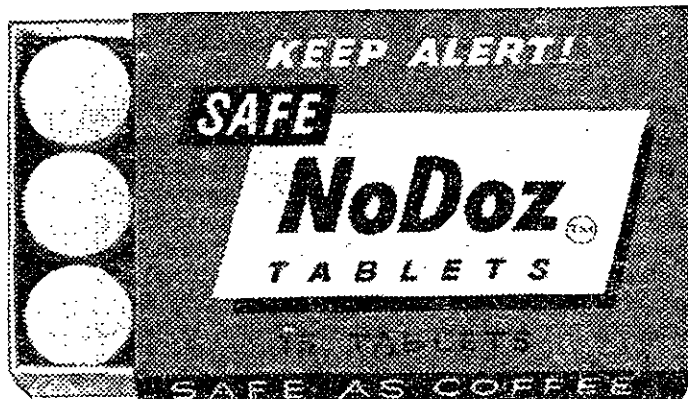
L&M gives you MORE BODY in the blend, MORE FLAVOR in the smoke, MORE TASTE through the filter. It's the rich-flavor leaf that does it!



HERE'S HOW MEN AND WOMEN AT 56 COLLEGES VOTED.

MEN		WOMEN	
① colder war	25% 31%	① colder war	42% 27%
② hot war	27% 27%	② hot war	48% 42%
③ contest	48% 42%	③ contest	48% 42%
④ Yes	48% 44%	④ Yes	48% 44%
⑤ No	52% 56%	⑤ No	52% 56%
⑥ friends	42% 43%	⑥ friends	42% 43%
⑦ your own	58% 57%	⑦ your own	58% 57%

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lutely not habit-forming. Next time monotony makes you feel drowsy while driving, working or studying, do as millions do... perk up with safe, effective NoDoz. Another fine product of Grove Laboratories.



Sunday Evening APRIL 15 at 8 o'clock  
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Arthur F. Valenstein, M.D.  
"NEW FRONTIERS IN PSYCHIATRY"  
**FORD HALL FORUM**  
JORDAN HALL — Gainsboro St. cor. Huntington Ave. — BOSTON  
DOORS OPEN 7:45 P.M. EVERYBODY WELCOME

**On Campus** with Max Shulman  
(Author of "I Was a Teen-age Dwarf", "The Many Loves of Dobie Gillis", etc.)

## CRAM COURSE NO. 2: BIOLOGY

The grisly shadow of final exams looms over us, so today in this column instead of merry quips and homely saws, you will find hard facts—quick cram courses to help you through the ordeal ahead.

Last week I gave you a rapid survey of Modern European History. Now let us turn to Biology.

Biology is divided into several phyla, or classes. First is the protozoa, or one-celled animal. All life stems from the one-celled animal. Over a space of millions of years, life slowly evolved until today we have animals with as many as 12 cells. Some larger mammals claim they have 14 to 16 cells, but you know how larger mammals lie.

The second class of animals is the periphera—a shadowy category that borders often on the vegetable. Take, for example, the sponge. The sponge is definitely an animal. The washcloth, on the other hand, is definitely not.

Next we come to the arthropoda, or insects. Most people, of course, find insects fairly repulsive—and yet, if one will but look, there is exquisite beauty in the insect world. Who does not remember the lovely insect poems of William Cullen Sigafoos—such enchanting lyrics as *Tumbling Along with the Tumbling Tumblebug*, *Fly Gently, Sweet Aphid*, and *Gnats My Mother Taught Me*. Mr. Sigafoos has been inactive since the invention of DDT.

Our next category is the mollusca—lobsters, shrimp, and the like. Lobsters are generally found under rocky projections on the ocean bottom. Shrimp are generally found in a circle around a small bowl containing cocktail sauce. Marlboro Cigarettes are generally found at any tobacco counter or vending machine.

What have Marlboro Cigarettes got to do with biology? Well, actually, not very much. It must be remembered, however, that the makers of Marlboro pay me for writing this column, and they are inclined to get surly if I fail to mention their product.

Mind you, I enjoy singing the praises of Marlboro—and so will you once you try that flavorful tobacco, that fine filter which lets the flavor come through undiminished. It is a great pleasure to smoke Marlboros and a great pleasure to write about them, but sometimes, I must confess, I find it a bit difficult to work the commercial into the column. Some years ago, for example, I did a piece about Alexander the Great, and, believe you me, it took a heap of stretching to drop in a plug for Marlboro. The way I finally managed it was to have Alexander go to the Oracle at Delphi and say, "Oracle, I have conquered the world and tasted all its pleasures, but somehow I am not content. I know that somewhere there must be a joy I have not yet experienced." To which the Oracle replied,



*There is no great difficulty distinguishing the two*

"Yes, Alexander, there is such a joy, but, alas, the time is not yet. I refer to Marlboro Cigarettes which will not be invented for another 2500 years." Whereupon Alexander fell into a sulk from which he never recovered. . . Well sir, there is no question I sold a lot of cigarettes with this ingenious commercial, but the gang down at the American Academy of Arts and Letters gave me a mighty good razzing, you may be sure.

But I digress. Back to biology, and the most advanced phylum of all—the chordata, or vertebrates. There are two kinds of vertebrates—those whose backbones run horizontally and those whose backbones run vertically. Generally, there is no great difficulty in distinguishing the two varieties. A fish, for instance, has a horizontal backbone, and a man has a vertical backbone. Occasionally, however, you run into a problem—like a fish who swims upright and a man who spends most of his time in the sack. How, in such a case, do you tell one from another? Science struggled with this sticky question for centuries, but finally Sigafoos of M.I.T. came up with a brilliantly simple answer. Offer the creature a Marlboro. If it is a fish, it will refuse. If it is Homo sapiens, it will accept. In fact, the more sapient, the quicker the acceptance.

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**The makers of Marlboro, upright vertebrates all, remind you that their fine cigarettes are available in pack or box wherever cigarettes are sold in any of the 50 states.**

## Entertainment-wise

# 'Les Liaisons' Is Obscene, Disgusting

By Tom Maugh

The movie industry has reached a new low with the production of "Les Liaisons Dangereuses", currently playing at the Beacon Hill Theatre. Blatantly advertised as pornographic, the film can best be described as disgusting.

"Les Liaisons" is a good example of the current wave of low-budget low-morals films which operate under the premise that a movie can not be good unless it is obscene. This particular portrait of debasement pictures a dissolute French couple who take fiendish delight in ruining the lives of others by leading them into debauchery. In the short course of the picture, they leave one married woman insane, make a young

girl pregnant, and make her fiancée into a murderer.

Roger Vadim (who takes delight in finding young actresses, marrying them, and making them into stars, i.e. Brigitte Bardot and Annette Vadim, among others) undoubtedly has the talent and ability to become a great director, as witnessed by this and others of his films. It can be considered only as a loss to the world of entertainment that he should devote his time and efforts to such trash.

Annette Vadim, Gerard Philipe, and Jeanne Moreau all have a great deal of acting ability; their talents could probably be used for performances which would rival those of this year's Academy Award winners. This film could be a stepping stone

to greatness for them, but it could also very easily typecast them into roles of degeneracy from which they will never be able to escape. They are wasting themselves in films such as these.

Admittedly, sex has its place in motion pictures. Lewdness, however, does not. A little tact and some thought on both the part of the director and the author could do much to alleviate the filth currently being displayed. For example, "Pardiso", currently showing at the Center, is filled with nude girls. However, there is nothing offensive about the manner in which they are displayed (i.e., they are not in bed with a man fondled, caressed, etc.). Admittedly, we would not take a girl to see this film on a date, but we would feel much freer to take one to this than to see "Les Liaisons", as seems to be the habit of the more astute of the college set. Vulgarity is certainly nothing for mixed company.

## Making The Scene

### MUSIC

**Brandels Festival** — Chamber music of Ravel, Petrassi, Lachon, Berger, Fine, and Stravinsky. Siosberg Recital Hall. April 13, 8:30 p.m. Free tickets required.

**"Deserts,"** a concert piece written by Edgar Varese for winds, percussion, and magnetic tapes, performed by the New England Conservatory Orchestra. Jordan Hall. April 18, 8:30 p.m. Admission free.

**Harvard Glee Club** in a concert of Lenten music. Harvard Epworth Methodist Church, 1555 Mass. Ave. April 18, 8:00 p.m. Admission \$1.25.

**Heinrich Fleischer** of the University of Minnesota in an organ concert of music by Bach, Frescobaldi, Roger, Kranek, and Lenel. Kresge Auditorium. April 11, 8:30 p.m. Admission \$2.00.

**Magnificat** by Bach and the "Jubilate Deo" by Henry Purcell, performed by the Wellesley Choir and Chamber Music Society and the Hamilton College Glee Club. Houghton Memorial Chapel on the Wellesley Campus. April 15, 8:00 p.m.

**New England Woodwind Quintet** will play compositions by Rameau, Riegger, and Reicha. Isabella Stewart Gardner Museum. April 15, 3:00 p.m. Admission free.

**The St. Matthew Passion** by Schutz and the "Mass in G" by Williams, sung by the Motet and Oratorio Chorus. First Church in Cambridge. Congregational, 11 Garden St. April 15, 7:30 p.m. Admission free.

**Theodore Bikel** in two performances at Jordan Hall. April 16 and April 17, 8:30 p.m. Tickets \$3.50, \$2.50, and \$2.20.

### LSO

**Classic Series** — The "Vitelloni" are a hedonistic, parasitic group of young Italians. Winner of many prizes, including the Venice Festival, this film is directed by Federico Fellini. Room 10-250. April 13, 8:30 and 9:00 p.m.

**Entertainment Series** — "The Glen Miller Story" tells about the life of the famous band leader. Room 10-250. April 14, 5:15, 7:30, and 9:45 p.m. Admission 30c.

**Spectacular Series** — "Gone With the Wind," the famous film adaptation of Margaret Mitchell's moving novel. Clark Gable and Vivian Leigh star in the 1939 masterpiece. Kresge Auditorium. April 15, 2:00 p.m. Admission \$7.50, all proceeds to the Student Union fund.

### LECTURES

**"Crossroads Africa,"** an explication of the program by students who were involved in it last year. Sponsored by the LSC. Hayden Library Lounge. April 14, 5:15 p.m. Admission free.

**Ford Hall Forum**, Walter E. Barton, M.D., and Arthur F. Valenstein, M.D. discuss "New Frontiers in Psychiatry." Jordan Hall. April 15, 8 p.m. Admission free.

**Harold Clurman**, widely acclaimed director, will speak on "Theatre," at Brandeis University. David and Irene Schwartz Hall. April 16, 8:15 p.m. Admission \$1.75.

**Harvard Law School Forum** presents "Public Morality and Massachusetts Politics." Edward J. McCormack, Jr., and Mr. George C. Lodge. Lowell Lecture Hall. April 13, 8:30 p.m.

**Robert Penn Warren** reads selections from his poems, at Boston College. Library Auditorium. April 12, 8:00 p.m. Admission \$1.00.

## WTBS Special Programs

**Thursday, April 12** — 7:05 p.m.: *Ramblin' Round*. Folk music by the New Lost City Ramblers—Mike Seeger, Tom Paley, and John Cohen. Old Time music recorded in concert March 22 at Harvard's Eliot House. "Mugs & America #6.

**Friday, April 13** — 6:00 p.m.: *Jazz Special*. Beginning the "History of Classic Jazz" series. Recordings covering Backbeats, Ragtime, and Blues. The first in a series of four programs.

**Saturday, April 14** — 8:00 p.m.: Folk music from Club Mount Auburn. Broadcast live from the well-known Cambridge folk music center.

**Sunday, April 15** — 8:00 p.m.: *MT Department of Humanities' Poetry Evening*. An informal reading and discussion with Samuel Alberts, Anne Sexton, Maxine Kumin, and John Holmes—modern poets. Recorded March 13 at the Hayden Library Lounge.

**Monday, April 16** — 7:05 p.m.: *Karl Taylor Compton Seminar Series*. "Education in a Pluralistic Society" with Dr. Charles H. Townes, Eting Morrison, Paul A. Freund, Francis Friedman, Gerald Holton, Edwin E. Land, and Paul A. Samuelson. Recorded March 16 in Kresge Auditorium.



## Two approaches to the "man's deodorant" problem

If a man doesn't mind shaving under his arms, he will probably find a woman's roll-on satisfactory. Most men, however, find it simpler and surer to use Mennen Spray Deodorant. Mennen Spray was made to get through to the skin, where perspiration starts. And made to work all day. More men use Mennen Spray than any other deodorant. How about you? **64¢ and \$1.00 plus tax**

# Ceylonese Perform Friday

The Ceylon National Dancers, considered the leading representatives of the culture of Ceylon, will perform Friday, April 13, at 8:30 p.m. in Kresge Auditorium. The program of ancient ceremonial and ritual dances will mark the beginning of MIT's International Week 1962.

The Company repertoire includes folk dances and ceremonial dances handed down from ancient court life of the northern highlands of Kandy and ritual dances which originated with the first inhabitants of the southern Low Country of Ceylon. Ritual dances are rich in animal characterizations and in dances worshipping deities or exorcising demons.

International Week will continue Saturday night as the Club Latino presents its annual dance, "International Fiesta" at 8:30 p.m. in the Faculty Club. Tickets are \$4 to members and \$5 to non-members.

Sunday afternoon there will be sports exhibits, cricket, Kabadi, etc. Monday, the Tech Matrons will entertain the foreign students.

The Japanese movie "Toku" will be shown in Kresge at 8 p.m. Tuesday. There is no admission charge for this movie. Thursday the First Secretary to the Russian Permanent Delegation to the United Nations, Mr. Gouliev, will address the MIT community at 8 p.m. in Kresge.

"The World of Apu," the prizewinning film in Satyajit Ray's trilogy of Indian life, will conclude the week Friday night. The film will be shown free of charge in Kresge at 7 and 9:45 p.m.

Tickets for the dance concert are \$3.00, \$2.00, and \$1.00, and may be purchased in the lobby of Building 10.

## Movie Schedule

**ASTOR** — "El Cid." Eves. at 8:15 except Sun. at 7:30. Mat. Wed., Sat. & Sun. at 2.  
**BEACON HILL** — "Les Liaisons Dangereuses." 1:20, 3:25, 5:30, 9:35.  
**BOSTON** — "Cinerama — South Seas Adventure." Eves. at 8:30 except Sun. at 7:30. Mat. Wed., Sat. & Sun. at 2:30.  
**BLATTE** — "Saturday Night and Sunday Morning" (through Sat.) 5:30, 7:30, 9:30. Mat. Sat. at 3:30. Bolshoi Ballet in "Cinderella" (starts Sun.), 5:30, 7:30, 9:30 daily except Mon.; Mat. Sat. & Sun. at 3:30.  
**CAPRI** — "Light in the Piazza." 1:07, 3:17, 5:27, 7:37, 9:47. All that Oriental Jazz." 2:56, 5:06, 7:16, 9:26.  
**EXETER** — "Murder She Said." 2:00, 3:45, 5:35, 7:25, 9:10.  
**FENWAY** — "The Angry Silence." 1:53, 3:51, 5:49, 7:47, 9:45.  
**FINE ARTS** — "A Summer to Remember." 2:10, 4:10, 6:10, 8:10, 10:10. "Giuseppina." 1:30, 3:30, 5:30, 7:30, 9:30.  
**GARY** — "West Side Story." Eves. at 8:30. Mat. Sun. at 2:30.  
**HARVARD SQUARE** — "Lower Come Back." 1:20, 3:20, 5:25, 7:30, 9:40.  
**KEITH MEMORIAL** — "The Outsider." 2:45, 6:15, 9:45. "Nearly A Nasty Accident." 1:05, 4:40, 8:10.  
**KENMORE** — "Dr. Kinsey's Report on Sex." 1:15, 3:20, 5:25, 7:30, 9:30. "Doctor in Love." 1:30, 3:35, 5:40, 7:45, 9:45.  
**LSC** — "Vitelloni." Fri. at 6:30, 9:00. "The Glen Miller Story." Sat. 5:15, 7:30, 9:45. "Gone With the Wind." Sun. 2:00.  
**METROPOLITAN** — "State Fair." No times available.  
**PILGRIM** — "Guns of Navarone." 1:00, 5:15, 9:30. "Our Man in Havana." 3:30, 7:45.  
**SAXON** — "Judgment at Nuremberg." Eves. at 8:15 except Sun. at 8:00.  
**STATE** — "The Maiden." 1:00, 3:40, 6:03, 8:43. "The Touchables." 2:37, 5:00, 7:40, 10:13.  
**TELEPIX** — "The Lower Depths." 1:00, 3:07, 5:08, 7:11, 9:16.  
**UPTOWN** — "Summer and Smoke." 1:00, 5:15, 9:30. "Satan Never Sleeps." 3:00, 7:15.

## Theatre Schedule

**CHARLES** — "Uncle Vanya." Tues. to Fri. 8:30; Sat. 5:30, 9:00. Sun., 3:00, 7:30.  
**COLONIAL** — "Carnival." Eves. at 8:30. Mat. Thurs., 2:15; Sat., 2:30.  
**QUINCY HOUSE** — "Cat On A Hot Tin Roof." April 12-14, 19-21, 8:30 p.m.

# Tails Requisite For A-Ball In Walker Memorial April 27

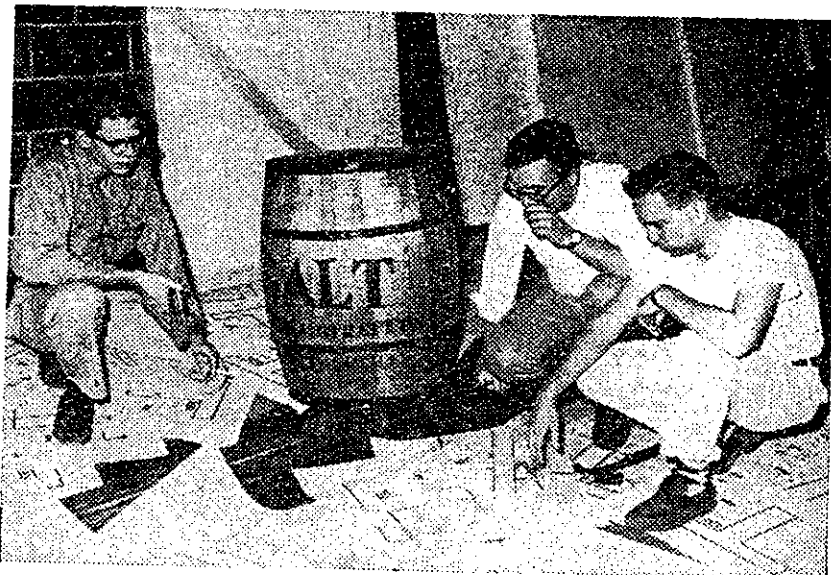
The twenty-eighth annual Francis Amasa Walker Assemblies Ball will be Friday evening April 27, from 10 a.m. to 3 a.m. in the Walker Memorial Building.

The "A-Ball," as it is more commonly called, is an affair for former and present members of the Walker Student Staff and their guests. To help finance the Ball, the Walker staff this year sponsored the "Twisteroo Party" and published the Freshman Quiz Book. Many former staffers from all parts of the country will return for the traditional dance.

The white-tie-and-tails affair will be set among the Doric pillars and murals of Morse Hall. A galaxy of multi-colored lights will greet more than 600 guests when they enter via red-carpeted stairs under a striped canopy. Dancing will be to the music of Ruby Newman and his orchestra.

## Closely Guarded Secret

The theme for this year's Ball remains a secret to all but the 21-man committee which has been meeting and planning since last May. The last Ball featured a Hawaiian theme, complete with Luau Torches, orchid leis, a stream with floating orchids, and a 30-foot waterfall.



Chris Borland '64, Dick Ludeman '63, and Dick Duchaine '62 of the Walker Staff, hard at work on preparations for the staff's A-Ball, to be held this year April 27. The theme of the dance is traditionally kept secret, but it usually involves substantial transformation of Walker from Morse Hall to the testing room on the third floor.

— Photo by Boyd Estus

Highlights of the evening will be a reception for members of the MIT faculty, administration, professional groups, and corporation; and the Assemblies Promenade. There will be a midnight buffet, and between-

Juri Toomre '62, is chairman of the Assemblies Ball Committee.

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**THEODORE BIKEL**  
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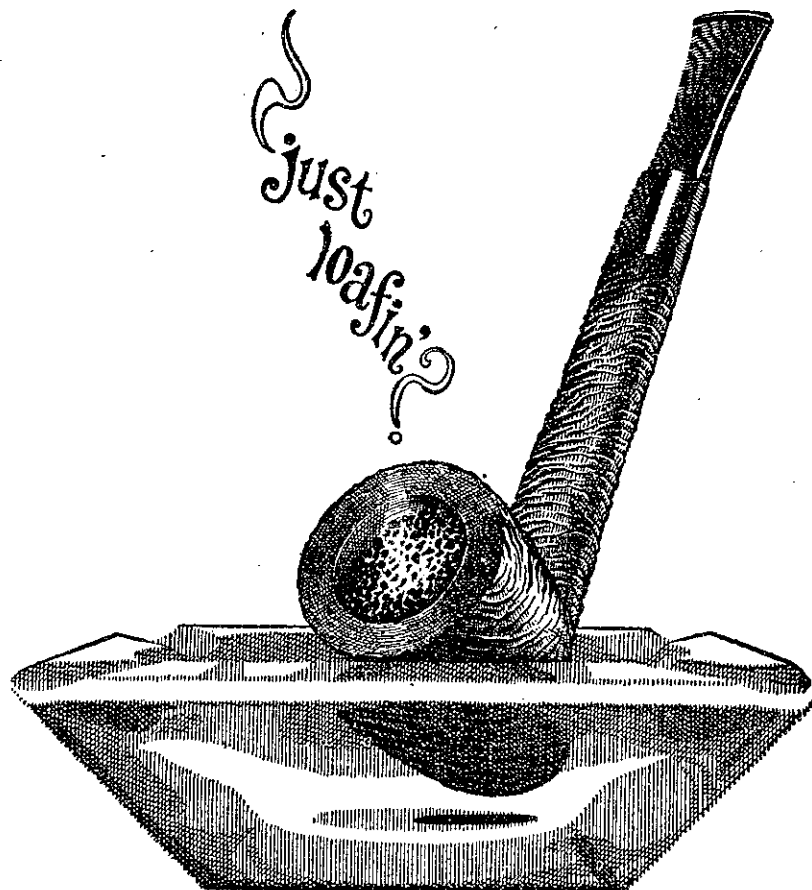
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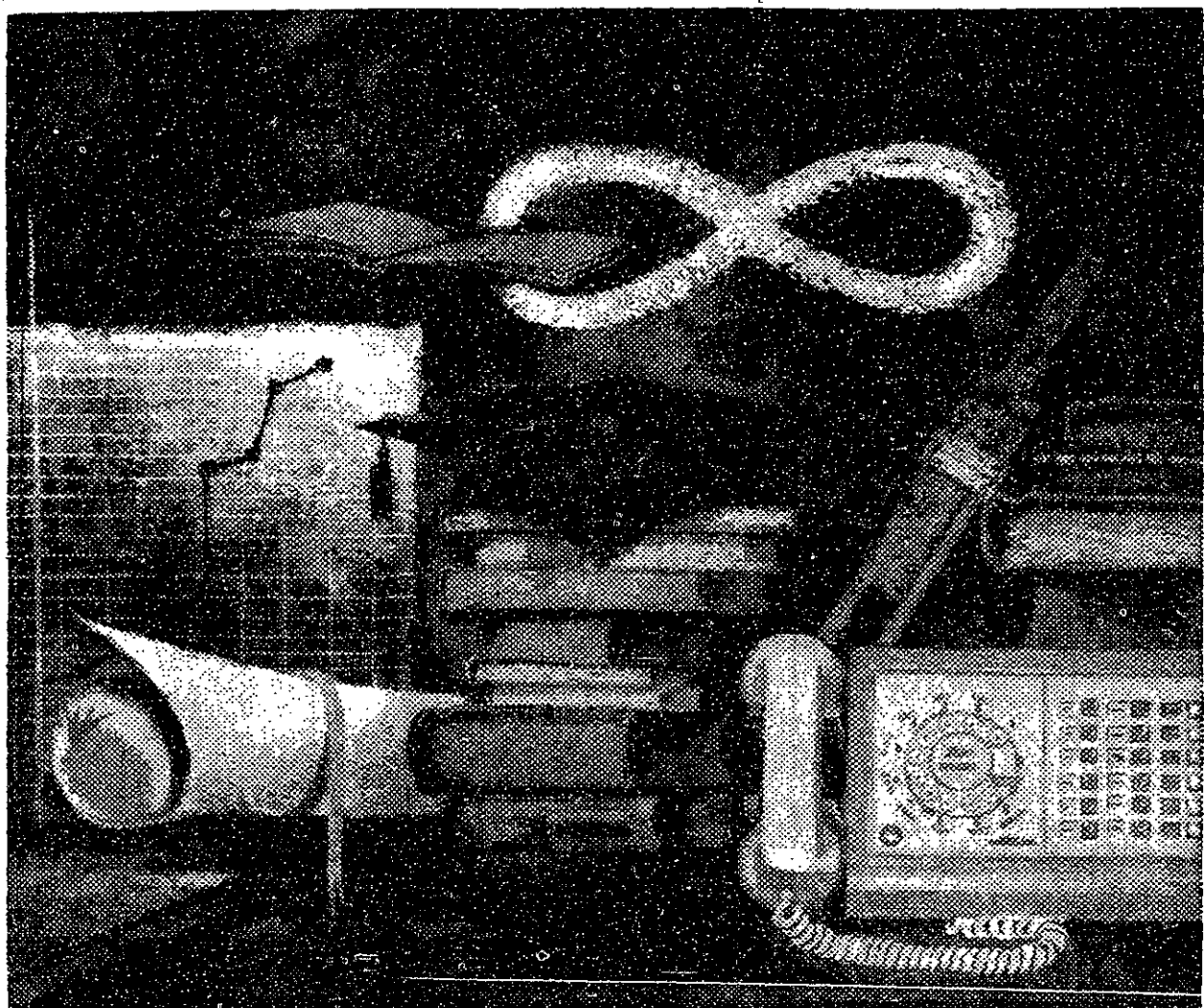
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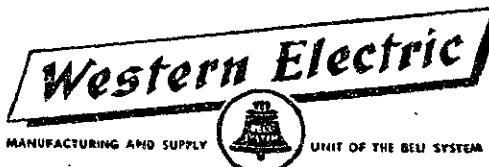
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to Western Electric at one of the best times in the company's history. In the management area alone, several thousand supervisory jobs are expected to open up to W.E. people within the next 10 years. And our work of building communications equipment and systems becomes increasingly challenging and important as the communications needs of our nation and the world continue to increase.

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music . . .

## Choral Soc. Impressive

By Richard Olson

The MIT Choral Society, under the capable leadership of Klaus Liepmann, provided the MIT community with a taste of university music last Sunday evening. The calibre of performance demonstrated earlier this year was equalled and in many respects, surpassed. Those who attended this concert were certainly not disappointed, as was evidenced by the number of bows they accorded the performers.

The first offering of the evening was the Bach Motet Number 1: "Singet dem Herrn," an a capella work written for a double chorus. At times the two choruses were combined to produce a massive full-voiced effect which was indeed thrilling to hear. Equally effective singing resulted when the two groups sang opposite each other. Each chorus maintained its individuality while at the same time meshing with the other to produce the desired total effect. Throughout this piece the Choral Society offered ample disproof of the old adage that a house divided against itself must surely fall. It must be admitted that here the whole

was greater than just the sum of the parts.

The second work of the night was the Great Mass in C Minor of Mozart, performed in its original form as left to the world by the great master, unfinished and unblemished by ill-fitting additions. For this piece the Society was accompanied by a professional orchestra. The orchestra turned in a competent job, although at times seeming to be somewhat overbearing. The matter of balance is, however, somewhat a function of the position of the individual listener in the auditorium.

Victor Mattfeld, Institute Organist, handled the organ part with ease. The soloists, Helen Boatwright, Jeanne Lincoln, Donald Sullivan and Paul Matthen, were also more than adequate for the job at hand. Particularly impressive was their last piece, the Benedictus, in which all four combined for a tremendous climax. This last section was the only chance the audience had to hear Mr. Matthen, but even in this short time he left one wishing that Mozart had given the bass more to do.

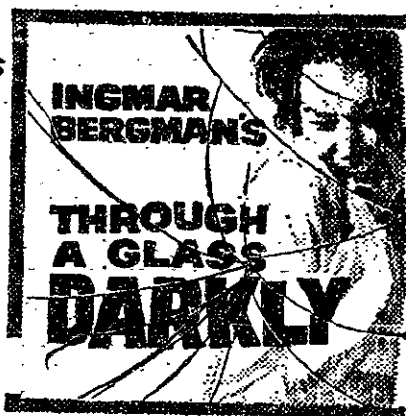
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Harriet Andersson is spellbinding!"  
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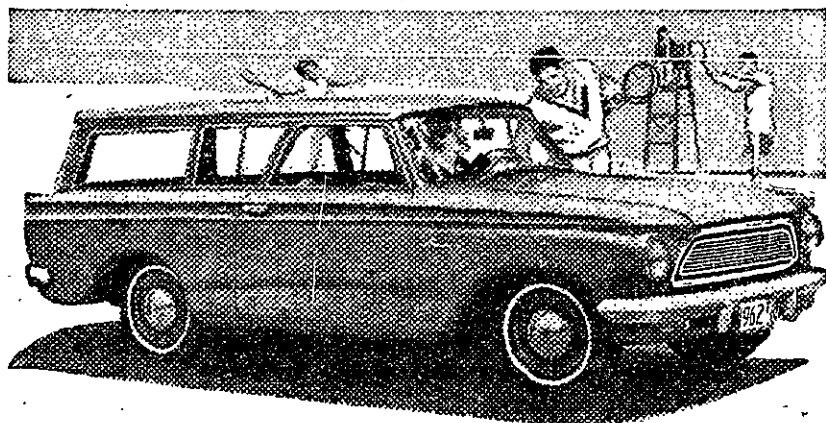
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Admission \$1  
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Community Center  
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Brookline

## Operation Crossroads Africa Discussion at 5:15

By Thomas G. Burns

This afternoon at 5:15 p.m., a group of six former members of Operation Crossroads Africa who are currently studying at MIT will hold a panel discussion on their experiences in Africa during the summer of 1961. The program, which will be sponsored by LSC, will be held in the Library Lounge, room 14E-310.

The panel members were all part of Operation Crossroads Africa, a private, non-profit or-

ganization that sponsored 220 American and Canadian students in summer work camps in sixteen African countries. The program, which has been expanded this year to include more countries, provides a summer experience that is not only broadening to the students, but is also beneficial to both the African countries and the United States.

Operation Crossroads Africa was conceived by Dr. James H. Robinson, a Presbyterian minister who resigned his pastorate in New York City to become vice-chairman of the Peace Corps Advisory Council. Although Crossroads Africa is definitely one of the forerunners of the Peace Corps, it is distinctly different in scope, method, and sponsorship.

The panel members will relate their experiences and impressions from their summer in Africa. This program should provide an ideal opportunity for students who are interested in Crossroads, the Peace Corps, or any other project of this type in an underdeveloped nation to discuss the different aspects and problems connected with this type of project with students who have already had direct experience in this field.

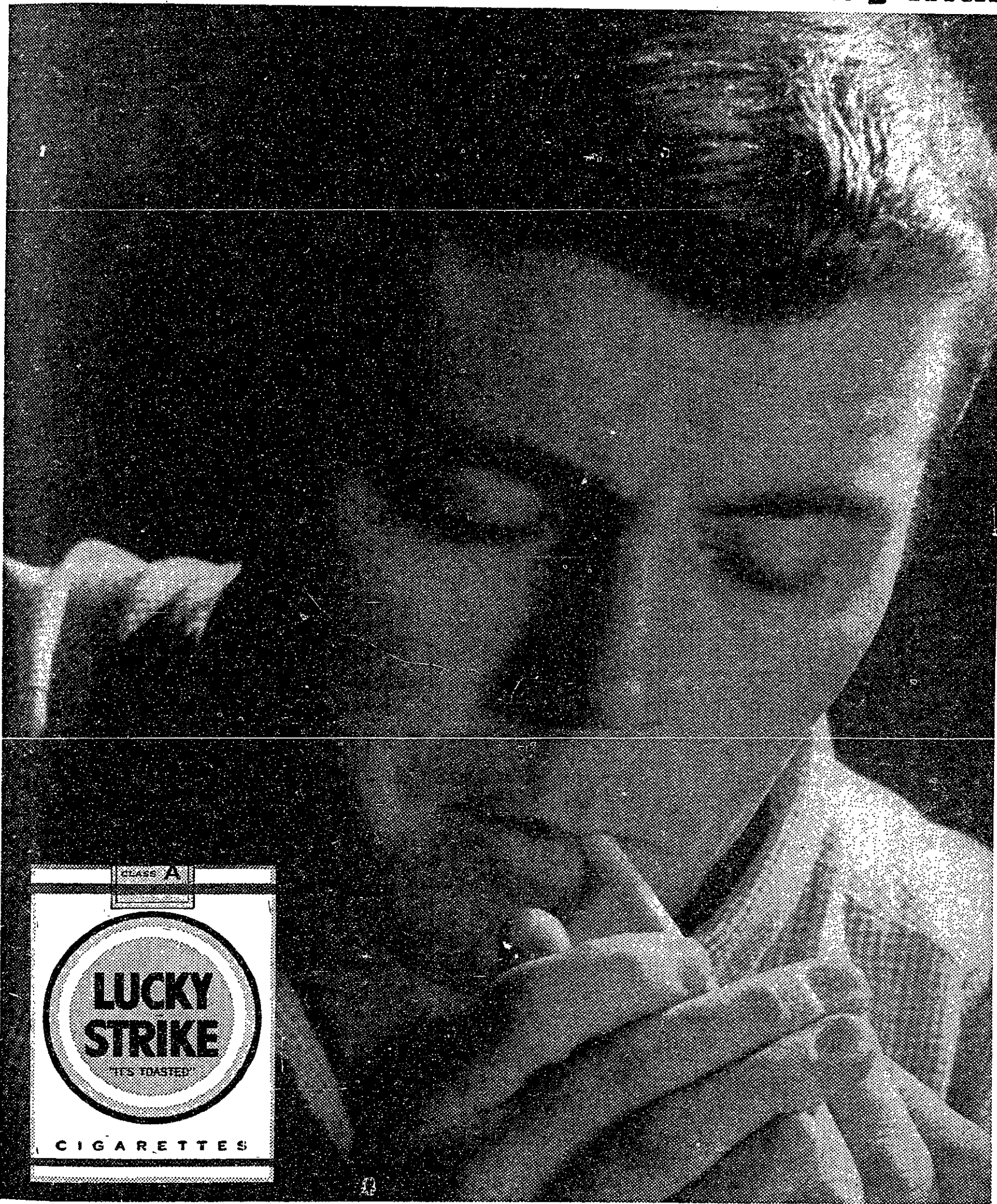
Since the six panel members were not all in one area in Africa, their total experience helps to give somewhat of a perspective on Africa as a whole.

English speaking West Africa will be represented on the panel by John Smith G. who was in Ghana, and Pat Murray '62 and Tex Ritter '61, who spent the summer in Nigeria.

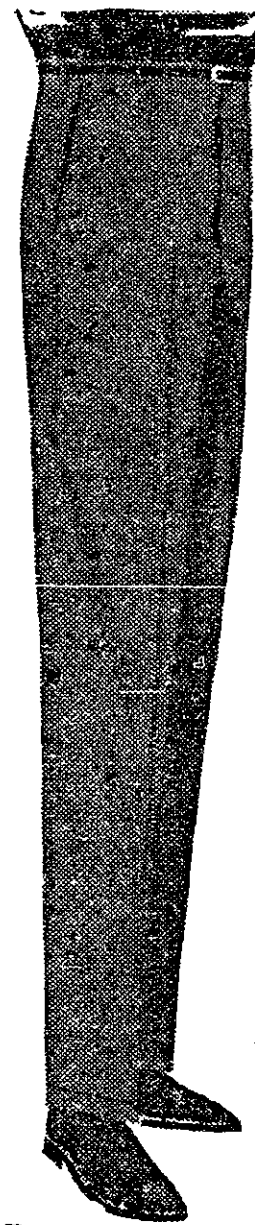
In French speaking areas were Bernard Ambic '62, in Togo, Ron Engle '63, in Cameroun, and Tom Burns '62, in Gabon. Jim Holcroft '63, and Frank Levy '63, who are going to Africa this summer, will also be at the meeting.

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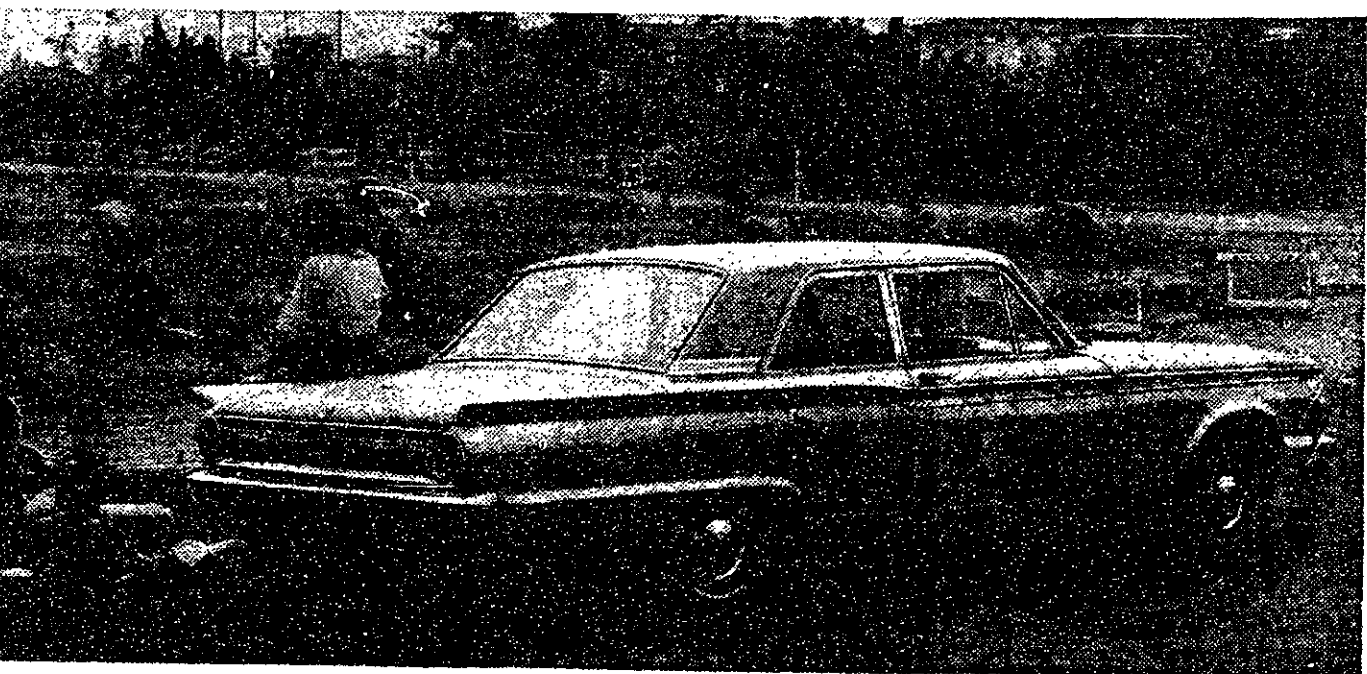


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**Dr. Cedomir M. Sliepcevic**, chairman of the school of general engineering at the University of Oklahoma, will deliver a joint lecture to the MIT and Harvard-Radcliffe chapters of Sigma Xi this evening

# NOTICES

at 8 p.m. in room 10-250. Dr. Sliepcevic, a national Sigma Xi lecturer, will speak on "A 'New' Energy Source: Liquefied Natural Gas." The public is invited to attend.

**The Abramowitz Memorial Lecture** will be given tomorrow evening by Henri M. Peyre, Sterling Professor of French at Yale, on the subject, "Albert Camus, Moralist and Novelist." The lecture is sponsored by the Humanities Department and all are invited. It will begin at 8:15 p.m. in Kresge Auditorium.

**The weekly Physics Colloquium** tomorrow at 4 p.m. will present Professor Leon Cooper of Brown University speaking on "Theory of the Knight Shift in Superconductors." The lecture is in room 26-100 and anyone interested may attend.

**THE BIG SOUND OF JAZZ FROM MIT AND HARVARD**  
FRIDAY NIGHT, APRIL 27  
at 8:30 in Kresge Auditorium

The Technicians and the Big Band from Harvard playing the modern sounds of BIG BAND JAZZ featuring an exclusive performance of "The Suite for Two Bands" composed and arranged by Vic Schoen — noted west coast jazz arranger. Advance tickets free, \$1.00 at the door.

**The Harvard Law School Forum** announces that its next distinguished speaker will be Mr. Benjamin J. Davis, a prominent member of the American Communist Party. Mr. Davis will address the Forum at 8:30 p.m. Wednesday, April 18, on "The Communist Party and Constitutional Guarantees." The lecture and a panel discussion to follow will be held in Sanders Theater on Cambridge Street; tickets may be purchased at the Harvard Coop, at 23 Everett Street, or at the door.

Last year's Crossroads Africa participants will explain the program to all interested persons at 5:15 p.m. today. The lecture will be in the Library Lounge, 14E310, and is sponsored by the LSC.

## SEMINARS

"The Myth of Social Overhead Capital as a Prerequisite for Economic Development" will be the subject of the fourth seminar of the MIT Inter-American Program in Civil Engineering. Professor Everette E. Hagen of the Center for International Studies at MIT will speak on the topic at 4

p.m. Tuesday, April 17, and an open discussion will follow.

## FILMS

"**Campus Crossroads**," a documentary film concerning the orientation of foreign students at Yale University, will be shown in the Vannevar Bush Room, 10-105, at 4 p.m. tomorrow. Jay Keyser of the Division of Sponsored Research was co-writer of the 28-minute film, which has received nationwide TV distribution. Admission is free and all are invited.

## SOCIAL

**Club Latino's** Annual 'International Fiesta' will be held Saturday evening starting at 8:30 p.m. at the Faculty Club. Teddy Guerra's band will provide music and drinks are free. Admission is \$4 per couple to members and \$5 per couple to non-members and tickets are on sale in Building 10.

## MISCELLANEOUS

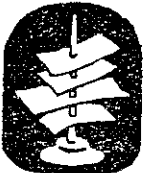
The Chemical Engineering Department will hold a Freshman Orientation Open House from 4:30 to 5:30 p.m. Wednesday, April 25. The Open House will be in the Walker Room, 12-011, and all freshmen are invited.

The Industrial Management Association announces a Sherry Hour to be held tomorrow, April 12, at 5 p.m. in the Barnard Room. Nominations for officers will take place at this meeting, to which new members are invited.

ALL FRESHMEN and others registered to take the test are reminded of the Selective Service College Qualification Examination to begin at 8:30 Tuesday, April 17. All who applied should now have received their ticket of admission.

## Chinese Student Club Wins IM Badminton

1. Chinese Students Club
2. School of Engineering
3. Chi Phi
4. Alpha Tau Omega
5. Lambda Chi Alpha
6. Baker B
7. Burton B
8. Phi Gamma Delta
9. Phi Kappa Sigma
10. Phi Kappa Theta
11. Sigma Nu



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# 30 Teams Play In IM Softball Openers

By Howie Ellis

The Intramural Baseball season opened last weekend with thirty teams taking the field in what proved to be a number of exciting contests. Of the eighteen games scheduled, two were called because of forfeit and one was postponed.

## Win by 1 Run Margins

Two of the closest contests were between Phi Gamma Delta versus Non-Resident Student

Association and Grad House Dining Service versus Graduate Management Society. In the first game NRSA managed to hold a slim lead and come out on top over the Fiji's, 15-14. The other game was just as close with GHDS and GMS slugging away to a 13-12 win for Grad House.

## High Score Stops Fray

However, these contests produced relatively low scores

compared to some of the other games played. In the Phi Kappa Sigma - Theta Chi fray, the game was called after four innings because of the lopsided score — PKS 48, Theta Chi 6. In other high scoring contests, Alpha Epsilon Pi smashed Student House, 20-8; Lambda Chi Alpha walked over Baker House 'A', 23-8; Chi Phi swamped Theta Psi 23-9; and

Sigma Alpha Epsilon outslugged Phi Beta Epsilon, 19-9.

## Dormitories Are Victorious

Except for Baker House, the dormitories were victorious in their respective games. Burton House 'A' easily defeated Sigma Phi Epsilon, 18-10; Graduate House 'A' topped Delta Tau Delta 9-2; and East Campus downed Delta Kappa Epsilon, 14-7.

In other action, Phi Kappa Theta fell to ZBT, Theta Delta Chi was victorious over Phi Mu Delta, Tau Epsilon Phi defeated Senior House 'B', Pi Lambda Phi topped Phi Delta Theta, and Alpha Tau Omega won over Phi Sigma Kappa.

## Two Games Forfeited

The two forfeited games were caused by the withdrawal of Graduate House 'B' and Baker House 'B'. As a result Sigma Alpha Mu and 'Paradise Cafe' were declared victors. In addition the fray between Senior House 'A' and Sigma Chi was postponed to a later date.

## IM Games Set for Weekends

Intramural baseball games for the coming weeks will be played only on weekends unless some games are rained out. These will have to be made up during the week.

Presently there are thirty-five teams taking part in the program. These teams are divided up into seven leagues. When the season ends, the top teams from each league will compete in the finals. These will take place about a week before reading period.

## On Deck

Today, April 11

Crew (H.F.)—Andover, Away  
Crew (L.F.)—Andover, Away  
Tennis (V)—Harvard, Home  
3:00 p.m.  
Lacrosse (V)—Harvard, Away, 3:45 p.m.

Thursday, April 12

Baseball (V)—Boston College, Away, 4:00 p.m.

Saturday, April 14

Baseball (V)—WPI (2 games), Home, 1:00 p.m.

Baseball (F)—Middlesex School, Home, 2:30 p.m.

Crew (HV)—Boston University, Home.

Lacrosse (V)—Union, Home, 2:00 p.m.

Lacrosse (F)—Governor Dummer Academy, Away, 2:00 p.m.

Tennis (F)—Andover, Away, 2:30 p.m.

Track (V&F)—Williams, Home, 1:00 p.m.

Monday, April 16

Golf (V)—Brandeis, WPI, Away, 1:00 p.m.

Tuesday, April 17

Lacrosse (F)—Dean Junior College, Away, 3:00 p.m.

## How They Did

### Track

Northeastern 88½, MIT 46½

### Baseball

Wesleyan vs. MIT (postponed because of rain)

### Tennis

Brandeis vs. MIT (postponed because of rain)

## Cindermen Fall To N'eastern, 88½-46½

By Mike Oliver

In the first outdoor meet of the season for both teams, Northeastern topped MIT last Saturday at Briggs Field, 88½-46½. Very strong winds prevented good times in the running events, and the pole vault and high jump had to be moved into the cage.

## Lukis Wins Pole Vault

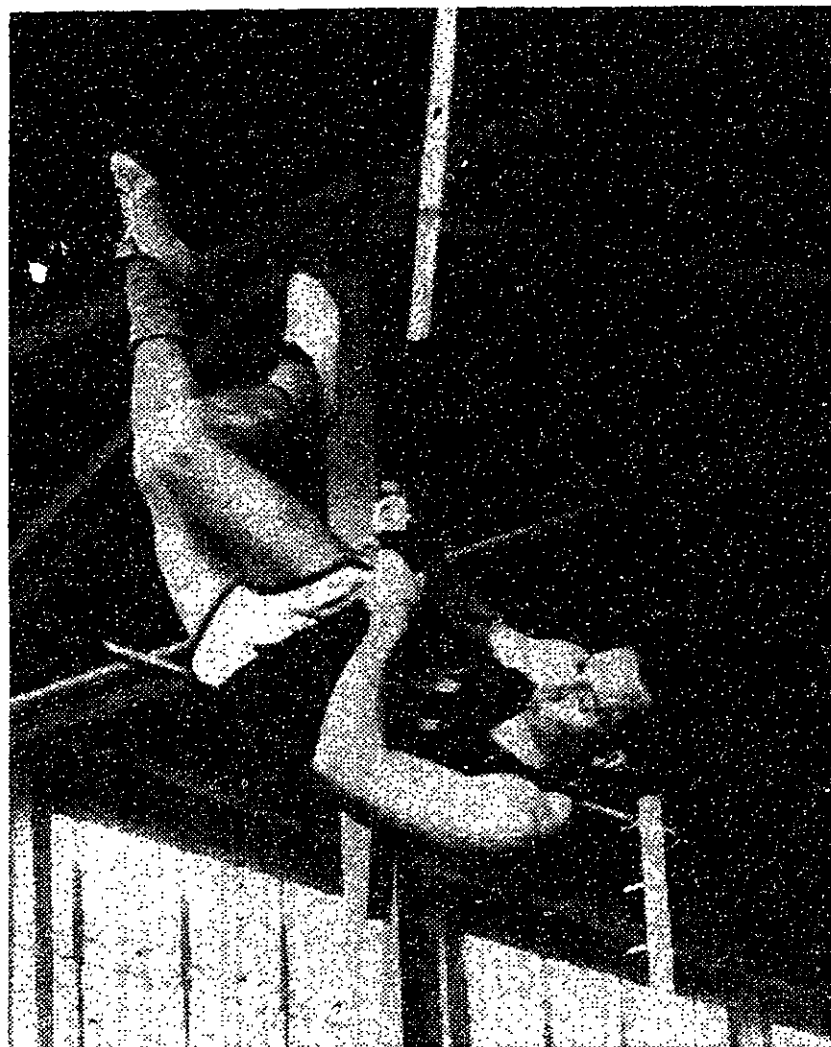
Gary Lukis, '64, took a first for the Beavers in the pole vault at a height of 12 feet. The other two firsts for MIT were registered by Bill Eagleson, '64, in the high jump with a leap of 5'9" and Forrest Green in the 220 low hurdles, clocked in 27.0. Green also snared a second in the 220 yard dash.

## Banks, Goddard Take Seconds

The harriers put in a good performance against Northeastern which boasts several of the area's outstanding track men. Tom Goddard, '63, drew second place honors in the mile and 880 yard runs, while co-captain Steve Banks, '62, copped a second in the other distance event, the two mile run. Other second place finishers for Tech include Roger Hinrichs, '63, in the broad jump; John Shaner '64, in the pole vault; Bill Remsen '63, in the shot put, and Simpson in the high jump.

## Tervalon Wins 120 High Hurdles

The freshmen fared only slightly better as they fell to the Northeastern frosh 85-50. Al Tervalon copped the 120 high hurdles with a heavily bandaged leg caused by a pulled muscle. The other two thirds of the freshman hurdle trio, Ken Morash and Terry Donschner placed 2-3 right behind him. Morash later won the 220 low hurdles and placed second in the pole vault behind Mike Keehner,



Gary Lukis '64 wins the pole vault with this jump of 12'. But MIT still lost to Northeastern, 88½-46½. —Photo by Ralph Grabowski

who won the event with a vault of 10'6".

## Carrier's 20'8" Cops Broad Jump

Another first for the Engineers was in the broad jump, where Dave Carrier led the field with a distance of 20'8". Carrier also tied for first in the

high jump at 5'6". George Hadley had to settle for third at 5'5". Dean Hubbard took a second in the 880 for the frosh and Mike Oliver was second in the two mile. Ed Hoffer also took a second with a sixty foot toss in the hammer throw.

# 9.01

## Introduction To Sports

### Crew

By Sandy Wagner

Crew has consistently been one of MIT's top sports. In fact last year, the oarsmen copped top honors by having their varsity heavies recognized as the third best college crew in the U.S. and their freshmen lights acknowledged as the finest in the entire country. However despite this great success, a great number of people at MIT are still unfamiliar with the organization of the crew and the rules governing races.

More than one hundred dedicated men row in the fall until mid November, exercise in the winter, and are out on the Charles as soon as it thaws in the spring, all for what often amounts to be less than an hour of actual competition. About half the oarsmen are freshmen, and the squad is also divided into heavyweight and lightweight. Lightweight must be under 155 pounds in their freshman year and the eight oarsmen in the shell must average under 150. Upperclassmen have five pounds more in each of these restrictions. The term "150" is often applied to lightweights, carried over from the time when the light varsity had the same limitations the frosh do now.

The term "Varsity" is usually means the heavyweight varsity,

a crew open to anyone, but naturally populated by men in the 180 pound range. Height is often an advantage, and the heavies usually average over 6'2".

The ninth man in the boat, and often considered to be the most important is the coxswain who steers and who is in complete command when the shell is on the water. He is usually about 120 pounds and equipped with a stentorian voice and an enduring set of vocal chords.

Races are held in the spring, on Saturday afternoons. The races are held in reverse order of importance. The freshmen go off first, followed by the Junior Varsity and then the Varsity.

The lightweight race what is called a Henley distance—one mile and five sixteenths. At the home course this starts on the Charles opposite Building 52 and ends at the MIT boathouse. The heavies go a 1½ mile distance, beginning near the Longfellow Bridge and also finishing at the boathouse. Good times for these distances on a calm river are approximately 7 and 9 minutes respectively. The grassy banks near the finish line offer an excellent chance to see about the last half of the race.

The race is usually started with the sterns of all shells being held by men in anchored dinghies at the starting line. These "stakeboats" are spaced so that the crews start off in the correct lanes, and so that an even start is insured regardless of weather. The beginning of the race, after the referee's call of—"Are you ready? Ready all. ROW!"—is taken at a high stroke, that is, a high number of strokes per minute—usually around 40. After this start (about twenty strokes), the shells take the stroke down for the major portion of the race. Lights usually take it at a 32 while the heavies, row at a 28. In the last quarter mile the sprint for the finish begins as the coxswains urge their crews to as high a stroke as is efficiently possible, usually attaining 40 or more.

The winning crew receives the shirts of the defeated shells, and it is here that a measure of the amazing rise of crew at MIT in the past few years manifests itself. In the 1958 season no one in the boathouse won a shirt, while last season there were not more than a handful who didn't win at least one, with some members of the champion frosh lights coming away with as many as 18!

## Merriman Faces Problems

## Golf Team To Open Season

The MIT golf team will open its Spring season next Monday with a triangular meet against Brandeis and Worcester Tech at Brandeis' home course. Also next week, the golfers meet Bowdoin and Springfield in one of the season's two home meets. Filling out the week's activities the team will travel to Williamstown on Saturday to play Williams, Trinity, and Colby.

## Scores Are Good

If Coach John Merriman had expected to pick his starting line up from the performances of his players on their Spring Trip, it would appear as if his expectations were not realized, for while the team won only one out of five matches, all seven men were turning in scores that would have placed them on last year's squad. Add to this the fact that the team's top three players were unable to go on the trip and you can see the problem that faces Merriman.

## Stith In Good Performances

Some of the highlights of the Spring Trip were: Glen Stith '64, rallying from way behind to almost defeat the University of Maryland's No. 1 man (Maryland had one of the country's strongest golf teams and showed it by whitewashing our team 7-0); in the William and Mary, Norfolk Division match again Glen Stith '64, winning his match against their No. 1 man in a sudden-death playoff, Emilio Sardi '64, holding off the No. 6 man to win 1 up, Len Lindenmeyer '62, whipping the No. 7 man 7 and 6, and finally, Neil Hull '63, coming from 3 down after 8 holes to win the next 5 straight holes and defeat the No. 4 man providing the last point for MIT in the team's 4-3 victory; Emilio Sardi '64, firing a 74 over the Virginia Polytechnic Institute's par 68 course to give him the honor of the lowest round on the trip; and Len Lindenmeyer '62, firing a brilliant 75 on Washington and Lee's par 72 course to give Len the best round of the trip, only 3 strokes over par.

## IM Table Tennis Action Dominated By Dorms

Intramural Table Tennis began a short and intense season last week as perennial dorm and fraternity favorites continued to show the way. Because of the big social weekends at the end of the month, the customary weekend playoff will follow only two weeks of regular season play.

The dormitories continued their usual domination in the first two days of matches, although some strong competition from the fraternities appears imminent.

Four Baker House teams are as yet undefeated, while Burton and East Campus also looked strong.

This week's matches will be held tonight and tomorrow, on dormitory tables and in the facilities of the MIT Table Tennis Club in the Armory. Matches begin at 7:15 and 8:45.

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